T16

TIMELESS SOLUTIONS FOR NEXT-GENERATION SECURITY

The T16 radio transmitter is a reliable and versatile radio device that ensures constant communication between your security system and the CMS. It offers flexible transmission options, easy configuration, and multiple input and output options, making it a suitable choice for different security systems and control panels.

RELIABLE COMMUNICATION

The T16 radio transmitter is a multifunctional radio device used for transmitting security control panel event messages via radio networks, ensuring reliable communication between your security system and the CMS.

VERSATILE TRANSMISSION

Flexible transmission options, including the possibility to use an external IP transmitter as the primary communication channel. It supports the transmission of event messages using Contact ID and 4+2 codes, making it easy to integrate with various security control panels.

EASY CONFIGURATION

Quick and easy installation, with firmware updates that can be easily applied. It offers two access levels, one for the installer and one for the administrator, and can be configured remotely when an IP transmitter is used.
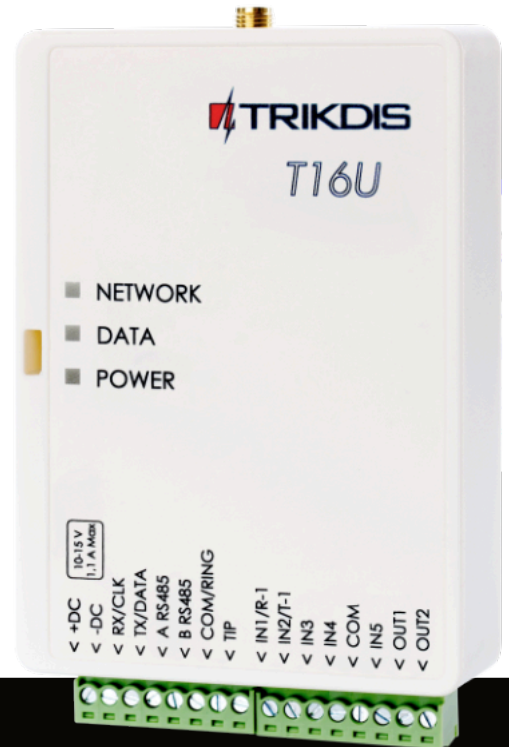
MULTIPLE INPUT AND OUTPUT OPTIONS

Multiple input and output options, including a universal serial port for connecting various security control panels, a TIP/RING landline interface that can accept messages in Contract ID and 4+2 codes, and an RS485 interface for IP transmitters and extension modules. This makes it a versatile choice for different security systems and control panels.

TRIKDIS

T16U

NETWORK

DATA

POWER

10-15 V
1.1 A Max

+DC
-DC
RX/CLK
TX/DATA
A RS485
B RS485
COM/RING
TIP
IN1/R-1
IN2/T-1
IN3
IN4
COM
IN5
OUT1
OUT2

FEATURES

Communication

• Sends event messages to CMS.

• RAS3, RAS2M, LARS1, LARS radio network protocols.

• Output power from 1 W to 5 W.

• Possibility to use external IP transmitter as main communication channel.

• Transmission of event messages using Contact ID and 4+2 codes.

• Use of security control panel account ID for multi-area systems.

Configuration

• Quick and easy installation.

• Firmware updates.

• Two types of access levels (accounts), for the installer and for the administrator.

• Possibility to configure remotely when an IP transmitter is used.

Serial port, inputs and outputs

• Universal serial port for connecting various security control panels.

• TIP/RING landline interface can accept messages from the control panel in Contract ID and 4+2 codes.

• RS485 interface for IP transmitters and extension modules.

• 6 inputs, selectable types: NC, NO, EOL (2,2 kΩ). (T16V, T16U)

• 5 inputs, selectable types: NC, NO, EOL (2,2 kΩ). (T16U5)

• 1 output. (T16V, T16U)

• 2 output. (T16U5)

Parameter	T16V	T16U	T16U5
Power supply voltage	10-18 V DC		
Current consumption	100 mA (on standby) Up to 250 mA (while sending data)		
Radio frequencies	136 MHz – 174 MHz (VHF)	430 MHz – 512 MHz (UHF)	430 MHz – 470 MHz (UHF)
Radio channels	2		
RF output resistance	50 Ω		
Secondary emissions	Meets the requirements of EN 300 113		
Broadcasting protocols	RAS3, RAS2M, LARS, LARS1, LARS_RAS2M, LARS1_RAS2M		
Broadcasting time	60-400 ms (depends on chosen radio protocol)		
Memory	Up to 32 messages		
Inputs	6, selectable types: NC, NO, EOL (2,2 кΩ)	6, selectable types: NC, NO, EOL (2,2 кΩ)	5, selectable types: NC, NO, EOL (2,2 кΩ)
Output	1, OC type, commutation voltage 15 V, 1 A	1, OC type, commutation voltage 15 V, 1 A	2, OC type, commutation voltage 15 V, 1 A
Event message format	Contact ID; 4+2		
Operating environment	Temperature from -10 °C to 50 °C, relative humidity - up to 80% at +20 °C		
Dimensions	113 x 71 x 26 mm		
Weight	0,10 kg		